

TAPECONCURRENT

TAPE OP MAAT

Technical Datasheet

6394X

Pre-compressed Joint Sealing Tape BG 2

Joint Sealing Tape Corresponds to DIN 18 542:2009 / Stress Group 1

Description Consists of a pre-compressed joint sealing tape based on polyurethane foam, saturated with an acrylic impregnation.

Application can universal be used for the sealing of joints in structural engineering.
It is especially appropriate for the sealing of joints between different components, e.g. masonry and window frames, masonry and door frames or between concrete constructions. The tape can be used for sealing outside joints which are exposed to direct weathering.

Product Properties (Not for specification use)	
carrier	PUR foam with impregnation
adhesive	acrylic dispersion
colour	grey black on demand
tensile strength DIN EN ISO 1798	> 100 kPa
elongation at break DIN EN ISO 1798	> 200 %
compressive strength at a compression of 40 % DIN EN ISO 3386	3.4 kPa +/- 15 %
fire behaviour / building material class DIN 4102-1	B1 (DIBt, Z-56.212-3505, controlled by MPA Bau Hannover)
temperature resistance	-30 °C until +100 °C / +130 °C at short term
air permeability DIN EN 12 114	$a \leq 1,0 \text{ m}^3/[\text{h}\cdot\text{m}\cdot(\text{daPa})^{2/3}]$
heavy rain tightness DIN EN 1027	$\geq 600 \text{ Pa}$ / stress group BG1
sound absorption if SC-01/2:2002-09	42 dB (one sealing tape without insulation and second sealing level) 59 dB (two sealing tapes without heat insulation layer)
weathering resistance artificial weathering outdoor weathering	> 10 years > 15 years

Product Properties (Not for specification use)	
compatibility with conventional building materials and resistance to alkaline substances (DIN 18 542)	passed
water vapour diffusion (DIN EN ISO 12 572)	$s_d < 0.5 \text{ m}$
thermal conductivity (DIN 52 612)	$\lambda = 0.0429 \text{ W/m}\cdot\text{K}$

Safety instructions The product is not classified as dangerous under the rules for dangerous materials and under the EC Guidelines. However, we recommend to treat the product with the usual care and hygienic precaution usually applied when handling chemical substances.

Processing The most important processing parameters and information on cleaning are listed in our Information on Processing Adhesive Tapes.

Storage Unprocessed in the original cardboard box 18 month starting from production date at a relative atmospheric humidity of about 60 % and a temperature of 18 °C.

Environment very low-emission.

Special Information

All data and technical information are based on laboratory tests or have been compiled from supplier information to the best of our knowledge. A guarantee that the values are complete and correct can however not be given. You are kindly requested to conduct your own tests to determine the suitability of our product for your applications. Our General Conditions answer any questions on guarantees and liabilities for these products insofar as no other legal regulations apply.

09/2013 Fi